

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	232	(375/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/27 18:35
L2	665	VSB near3 (receiver or reception)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:36
L3	79	demodulat\$3 and tuner and RF and IF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:51
L4	0	L3 and (frequency near3 domain near3 equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:37
L5	1151	(frequency near3 domain near3 equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:37
L6	344	"frequency domain equalization"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:38
L7	1159	L5 or L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:54
L8	0	L3 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:38

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L9	17	L2 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:38
L10	277	L7 and (FFT and IFFT) and (impulse near3 response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:54
L11	81	L10 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:42
L12	14	L11 and VSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 18:55
L13	3101	equaliz\$6 and (noise near3 remov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:13
L14	5423	equaliz\$6 and (noise near3 (remov\$3 or suppress\$3 or cancellaton))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:30
L15	203	L14 and VSB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:13
L16	65	L15 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:30

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L17	3	L16 and slicer and LMS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:30
L18	0	L16 and (noise near3 predict\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:27
L19	3	L16 and (noise near3 estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 19:27
L20	412	equaliz\$6 and (noise near3 predict\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 20:58
L21	47	L20 and slicer and LMS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 20:23
L22	.8	L21 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:48
L23	1	(US-20020044598-\$).did.	US-PGPUB	OR	ON	2006/08/27 20:13
L24	85	L20 and slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 20:24
L25	26	L24 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 20:58

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L26	24	equaliz\$6 and (adaptive near4 noise near3 predict\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:51
L27	10	L26 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 20:58
L28	1	(US-20020072879-\$).did.	US-PGPUB	OR	ON	2006/08/27 21:03
L29	23	L3 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:37
L30	0	L2 and L3 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:37
L31	290	L2 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:38
L32	0	L3 and L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:38
L33	0	L3 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:38
L34	0	L3 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:38

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L35	78	L31 and ATSC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:39
L36	52	L35 and equaliza\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:42
L37	2	L36 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:42
L38	71	L6 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:43
L39	167	L20 and @pd<"20020711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/27 21:48


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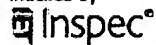
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 Sang-Won Son; Ji-Hyun Kim; You-Seok Lee; Hyung-Nam Kim; Sung Ik Park;
[Consumer Electronics, IEEE Transactions on](#)
 Volume 52, Issue 1, Feb. 2006 Page(s):59 - 67
 Digital Object Identifier 10.1109/TCE.2006.1605026
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Sang-Won Son; Ji-Hyun Kim; You-Seok Lee; Hyoung-Nam Kim; Sung Ik Park;
Consumer Electronics, IEEE Transactions on
Volume 52, Issue 1, Feb. 2006 Page(s):59 - 67
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- ☐ 2. Frequency-domain equalization for distributed terrestrial DTV transmission
Sang-Won Son; Ji-Hyun Kim; You-Seok Lee; Hyoung-Nam Kim; Sung Ik Park;
Consumer Electronics, 2006. ICCE '06. 2006 Digest of Technical Papers. Inter Conference on
7-11 Jan. 2006 Page(s):13 - 14
Digital Object Identifier 10.1109/ICCE.2006.1598286
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- ☐ 1. **An equalization technique for orthogonal frequency-division multiplexing time-variant multipath channels**
 Won Gi Jeon; Kyung Hi Chang; Yong Soo Cho;
[Communications, IEEE Transactions on](#)
 Volume 47, Issue 1, Jan. 1999 Page(s):27 - 32
 Digital Object Identifier 10.1109/26.747810
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- ☐ 2. **Practical low complexity linear equalization for MIMO-CDMA systems**
 Burg, A.; Rupp, M.; Felber, N.; Fichtner, W.;
[Signals, Systems and Computers, 2003. Conference Record of the Thirty-Seve Conference on](#)
 Volume 2, 9-12 Nov. 2003 Page(s):1266 - 1272 Vol.2
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[AbstractPlus](#) | Full Text: [PDF\(525 KB\)](#) IEEE CNF
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- ☐ 3. **Spectrally weighted frequency domain equalizer for mobile OFDM**
 Sheetal Kalyani; Giridhar, K.;
[Signal Processing Advances in Wireless Communications, 2004 IEEE 5th Wor](#)
 11-14 July 2004 Page(s):406 - 409
 Digital Object Identifier 10.1109/SPAWC.2004.1439274
[AbstractPlus](#) | Full Text: [PDF\(339 KB\)](#) IEEE CNF
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- ☐ 4. **Frequency-domain equalization for continuous phase modulation**
 Jun Tan; Stuber, G.L.;
[Wireless Communications, IEEE Transactions on](#)
 Volume 4, Issue 5, Sept. 2005 Page(s):2479 - 2490
 Digital Object Identifier 10.1109/TWC.2005.853901
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE JNL
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- ☐ 5. **ICI cancellation for OFDM communication systems in time-varying multip channels**
 Wen-Sheng Hou; Bor-Sen Chen;
[Wireless Communications, IEEE Transactions on](#)

Volume 4, Issue 5, Sept. 2005 Page(s):2100 - 2110

Digital Object Identifier 10.1109/TWC.2005.853837

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6. Maximum diversity in single-carrier frequency-domain equalization

Zhiqiang Liu;

[Information Theory, IEEE Transactions on](#)

Volume 51, Issue 8, Aug. 2005 Page(s):2937 - 2940

Digital Object Identifier 10.1109/TIT.2005.851766

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7. Feedback frequency-domain equalization for high data-rate parallel receiv

Xiao-Chuan Dang; You-Shou Wu; Jian Fu;

[Communications, Circuits and Systems, 2005, Proceedings, 2005 Internationa](#)

Volume 1, 27-30 May 2005 Page(s):156 - 159 Vol. 1

Digital Object Identifier 10.1109/ICCCAS.2005.1493383

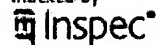
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- ☐ 1. **An equalization technique for orthogonal frequency-division multiplexing time-variant multipath channels**
Won Gi Jeon; Kyung Hi Chang; Yong Soo Cho;
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Volume 47, Issue 1, Jan. 1999 Page(s):27 - 32
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- ☐ 2. **Frequency domain equalization for high data rate multipath channels**
Dmochowski, P.A.; McLane, P.J.;
[Communications, Computers and signal Processing, 2001. PACRIM. 2001 IEEE Conference on](#)
Volume 2, 26-28 Aug. 2001 Page(s):534 - 537 vol.2
Digital Object Identifier 10.1109/PACRIM.2001.953688
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- ☐ 3. **Practical low complexity linear equalization for MIMO-CDMA systems**
Burg, A.; Rupp, M.; Felber, N.; Fichtner, W.;
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- ☐ 5. **Performance evaluation of UWB-IR and DS-UWB with MMSE-frequency d-equalization (FDE)**
Ishiyama, Y.; Ohtsuki, T.;

[Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE](#)
Volume 5, 29 Nov.-3 Dec. 2004 Page(s):3093 - 3097 Vol.5
Digital Object Identifier 10.1109/GLOCOM.2004.1378921
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- ☐ 6. **ICI cancellation for OFDM communication systems in time-varying multip channels**
Wen-Sheng Hou; Bor-Sen Chen;
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- ☐ 7. **Maximum diversity in single-carrier frequency-domain equalization**
Zhiqiang Liu;
[Information Theory, IEEE Transactions on](#)
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- ☐ 8. **Frequency-domain equalization for continuous phase modulation**
Jun Tan; Stuber, G.L.;
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Volume 4, Issue 5, Sept. 2005 Page(s):2479 - 2490
Digital Object Identifier 10.1109/TWC.2005.853901
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- ☐ 9. **Feedback frequency-domain equalization for high data-rate parallel receiv**
Xiao-Chuan Dang; You-Shou Wu; Jian Fu;
[Communications, Circuits and Systems, 2005. Proceedings. 2005 Internationa](#)
Volume 1, 27-30 May 2005 Page(s):156 - 159 Vol. 1
Digital Object Identifier 10.1109/ICCCAS.2005.1493383
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- ☐ 10. **Cyclic prefixed single carrier transmission in ultra-wideband communica**
Yue Wang; Xiaodai Dong; Wittke, P.H.; Shaomin Mo;
[Communications, 2005. ICC 2005. 2005 IEEE International Conference on](#)
Volume 4, 16-20 May 2005 Page(s):2862 - 2866 Vol. 4
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- ☐ 1. **An overview of discrete multitone modulation/demodulation systems in x applications**
Nowrouzian, B.; Luqing Wang; Agha, W.;
Signals, Systems and Computers, 2001. Conference Record of the Thirty-Fifth Conference on
Volume 1, 4-7 Nov. 2001 Page(s):31 - 35 vol.1
Digital Object Identifier 10.1109/ACSSC.2001.986875
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- ☐ 2. **A bandwidth efficient channel estimation algorithm for MIMO-SCFDE**
Siew, J.; Coon, J.; Piechocki, R.; Nix, A.; Beach, M.; Armour, S.; Mcgeehan, J.
Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th
Volume 2, 6-9 Oct. 2003 Page(s):1142 - 1146 Vol.2
[AbstractPlus](#) | Full Text: [PDF\(262 KB\)](#) IEEE CNF
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- ☐ 3. **Turbo detection and decoding for single-carrier block transmission syste**
Dongming Wang; Jingyu Hua; Xiqi Gao; Xiaohu You; Weckerle, M.; Costa, E.;
Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th
International Symposium on
Volume 2, 5-8 Sept. 2004 Page(s):1163 - 1167 Vol.2
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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10614932	Not Issued	30	07/07/2003	VSB reception system	KIM, WOO CHAN
10697884	Not Issued	41	10/31/2003	Channel equalizer in digital TV receiver	KIM, WOO CHAN
10734413	Not Issued	93	12/12/2003	CHANNEL EQUALIZER AND DIGITAL TELEVISION RECEIVER USING THE SAME	KIM, WOO CHAN
10745659	Not Issued	93	12/29/2003	DEVICE AND METHOD FOR TRACKING PHASE ERROR IN DIGITAL TV RECEIVER	KIM, WOO CHAN
10927070	Not Issued	30	08/27/2004	LMS adaptive filter	KIM, WOO CHAN
10968186	Not Issued	71	10/20/2004	ELECTRO LUMINESCENCE DISPLAY DEVICE	KIM, WOO CHAN
11004530	Not Issued	30	12/03/2004	Digital broadcasting receiving system and equalizing method thereof	KIM, WOO CHAN
11010030	Not Issued	30	12/10/2004	E8-VSB reception system	KIM, WOO CHAN
11029422	Not Issued	30	01/06/2005	Digital filter and digital broadcasting receiver having the same	KIM, WOO CHAN
11029508	Not Issued	30	01/06/2005	Digital filter	KIM, WOO CHAN
11116629	Not Issued	30	04/27/2005	Apparatus for channel equalization using multi antenna and method thereof	KIM, WOO CHAN
11133242	Not Issued	30	05/20/2005	Organic electro-luminescence display device and fabricating method thereof	KIM, WOO CHAN
11168369	Not Issued	30	06/29/2005	Organic electroluminescent device	KIM, WOO CHAN
11178117	Not	30	07/08/2005	Apparatus for channel equalization	KIM, WOO

	Issued			and method thereof	CHAN
<u>11249403</u>	Not Issued	30	10/14/2005	Organic electroluminescent device and method of manufacturing the same	KIM, WOO CHAN
<u>11456760</u>	Not Issued	20	07/11/2006	DIGITAL TELEVISION TRANSMITTER/RECEIVER AND METHOD OF PROCESSING DATA IN DIGITAL TELEVISION TRANSMITTER/RECEIVER	KIM, WOO CHAN
<u>11291113</u>	Not Issued	20	11/29/2005	Apparatus and method for monitoring battery pack	KIM, WOO CHOUL
<u>10449043</u>	<u>6868730</u>	150	05/29/2003	METHODS AND APPARATUS FOR MEASURING FLEXURAL WAVE AND/OR FLEXURAL VIBRATION USING A MAGNETOSTRICTIVE SENSOR	KIM, WOO CHUL
<u>07689972</u>	<u>5204486</u>	150	04/23/1991	KEYBOARD DEVICE OF ELECTRONIC KEYBOARD INSTRUMENT	KIM, WOO H.
<u>08223756</u>	<u>5502200</u>	150	04/06/1994	NOVEL REACTIVE THIOPHOSPHATE DERIVATIVES OF THIA(DIA)ZOLE ACETIC ACID AND PROCESS FOR PREPARING THE SAME	KIM, WOO H.
<u>08258184</u>	<u>5567813</u>	150	06/10/1994	PROCESS FOR PREPARING CEPHALOSPORIN COMPOUNDS FROM REACTIVE ORGANIC ACID DERIVATIVES	KIM, WOO H.
<u>10986654</u>	Not Issued	30	11/12/2004	Adhesives having advanced flame-retardant property	KIM, WOO HA
<u>11051639</u>	Not Issued	41	01/27/2005	Releasable adhesive composition	KIM, WOO HA
<u>11149272</u>	Not Issued	30	06/10/2005	Adhesive sheet comprising hollow parts and method for preparing the same	KIM, WOO HA
<u>09522918</u>	<u>6567142</u>	150	03/10/2000	REFLECTIVE LIQUID CRYSTAL DISPLAY DEVICE INCLUDING A RETARDATION FILM OF TWO UNIAXIAL FILMS	KIM, WOO HYUN
<u>09891506</u>	<u>6542209</u>	150	06/27/2001	COLOR FILTER OF LIQUID CRYSTAL DISPLAY AND METHOD OF FABRICATING THE SAME	KIM, WOO HYUN
<u>10012395</u>	<u>6700636</u>	150	12/12/2001	LIQUID CRYSTAL DISPLAY PANEL AND METHOD FOR MANUFACTURING THE SAME	KIM, WOO HYUN